What is claimed is:

1	1. An electronic struct	ure comprising:		
2	a first dielectric layer of polymeric material having a first top surface;			
3	a second dielectric layer of	polymeric material on said first top surface of said first		
4	4 dielectric layer of polymeric materi	al, having a second top surface, said second layer of		
5	polymeric material also having trench features therein; and electrically conductive material			
6	deposited in said trench features forming electrically conductive circuit lines being			
7	7 substantially flush with said second	substantially flush with said second top surface of said second dielectric layer of polymeric		
8	8 dielectric material.	•		
1	1 2. The electronic struc	ture of claim 1 further including a third dielectric layer of		
2	dielectric polymeric material locate	dielectric polymeric material located on said conductive circuit lines.		
1	1 3. The electronic struc	ture of claim 1 wherein said electrically conductive		
2	material is plated metal.			
1	1 4. The electronic struc	ture of claim 3 wherein said plated metal is copper.		
1	1 5. The electronic struc	ture of claim 1 wherein said first dielectric layer of		
2	2 polymeric material is a different m	polymeric material is a different material than said second dielectric layer of polymeric		
3	3 material.			
1	1 6. The electronic struc	ture of claim 5 wherein said second dielectric layer of		
2	polymeric material is a polymer resin.			
1	The electronic struc	cture of claim 1 wherein the circuit lines are about 0.5 to		
2	2 about 1 mil wide, about 0.5 to about	at 2 mils apart and up to about 20 microns thick.		
1	1 8. The electronic struc	cture of claim 1 wherein the circuit lines are about 5 to		
2	about 20 microns thick.			

1	9.	The electronic structure of claim 1 wherein the circuit lines are 5 to about 10	
2	microns thick.		
1	10.	An electronic structure which comprises at least two of the structures of	
2	claim 1 stacked together.		
1	11.	A method of fabricating an electronic structure having embedded	
2	substantially flush circuit features which comprises:		
3	providing a first dielectric layer of polymeric material with a top surface;		
4	depositing a second dielectric layer of polymeric material on said top surface of		
5	said first layer of polymeric material, said second dielectric layer of polymeric material		
6	also having a second top surface;		
7	defining trench features with sidewalls and bottoms, in said second dielectric layer		
8	of polymeric material;		
9	providing a seed layer only on said sidewalls and bottoms of said trench features;		
10	depositing electrically conductive material in said trench features such that said electrically		
11	conductive material is substantially coplanar with said top surface of said second dielectric		
12	layer of polymeric material.		
1	12.	The method of fabricating an electronic structure of claim 11 further	
2	including: depositing a third layer of dielectric polymeric material.		
1	13.	The method of claim 11 wherein said trench features are defined by laser	
2	ablating.		
1	14.	The method of claim 13 wherein said seed layer is provided by blanket	
2	depositing a seed layer and then mechanically removing the seed layer from all non-laser		
3	ablated surfaces thereby the seed layer remains only on said sidewalls and bottoms of said		

trench features.

1	15.	The method of claim 11 wherein said seed layer is copper provided by	
2	depositing copper from copper acetyl acetonate gas by laser deposition thereby providing		
3	copper only o	n said sidewalls and bottoms of said trench features.	
1	16.	The method of claim 11 wherein said conductive material comprises coppe	
1	17.	The method of claim 11 wherein said trench features are up to 20 microns	
2	thick.		
1	18.	The method of claim 11 wherein said trench features are about 5 to about 20	
2	microns thick.		
1	19.	The method of claim 11 wherein said trench features are about 5 to about 10	
2	microns thick.		
1	20.	The method of claim 11 wherein said seed layer comprises copper or	
2	chromium.	or comprises copper of	
1	21.	The method of claim 11 wherein the seed layer is about 100 angstroms to	
2	about 5000 angstroms thick.		
1	22.	The structure obtained by the process of claim 11.	
1	23.	A method for fabricating a structure having embedded substantially flush	
2	circuitry features which comprises:		
3		providing a first layer of polymer resin having a metal dispersed therein and	
4	having a top su	rface;	
5	depositing a second dielectric layer of a dielectric polymeric material on said top		
6	surface of said first polymer resin, said second dielectric layer of a dielectric polymeric		
7		wing a second top surface;	

8	defining trench features with sidewalls and bottoms, in said second dielectric layer		
9	of dielectric polymeric material and into said first layer of polymer resin and thereby		
10	exposing metal in said sidewalls and bottoms of said trench features to provide a seed layer;		
11	depositing electrically conductive material in said trench features such that the		
12	electrically conductive material is substantially coplanar with said second top surface of said		
13	second dielectric layer of a dielectric polymeric material.		
1	24.	The method of claim 23 wherein said conductive material comprises copper.	
1	25.	The method of claim 23 wherein said trench features are up to 20 microns	
2	thick.		
1	26.	The method of claim 23 wherein said trench features are about 5 to about 20	
2	microns thick	•	
1	27.	The method of claim 24 wherein said trench features are about 5 to about 10	
2	microns thick		
1	28.	The method of claim 24 wherein said seed layer comprises copper or	
2	chromium.		
1	29.	The method of claim 24 wherein said seed layer is about 100 angstroms to	
2	about 5000 angstroms thick.		
1	30.	The structure obtained by the process of claim 23.	

The method of claim 23 wherein said metal comprises copper powder.

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